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caa gca cgg gac ctc ttt gaa acc cat ggt gtg cca gtg ttg aag gga Gln Ala Arg Asp Leu Phe Glu Thr His Gly Val Pro Val Leu Lys Gly 15 20 25	219

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cac His 395	380 ggc Gly att	cag Gln ttt	ttc Phe ctc	gca Ala aat	acc Thr 400	385 gct Ala gat	aat Asn tcc	tagi	ttaaq atc	gga q atc	390	ctgt!	tt aa	atc a l att	atg Met acc	1374 1422
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					ccc Pro											1806
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					aaa Lys											2094
					acc Thr											2142
					cga Arg 665											2190
					act Thr											2238
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Val Ala Pro Thr Ser Ala Gln Ala Phe Asp Ala Ala Asp Ala Ile Leu 65 70 75 80

Gly Met Asp Ile Lys Gly His Thr Val Asn Gln Val Met Val Ala Gln 85 90 95

Gly Ala Asp Ile Ala Glu Glu Tyr Tyr Phe Ser Ile Leu Leu Asp Arg 100 105 110

Ala Asn Arg Ser Tyr Leu Ala Met Cys Ser Val Glu Gly Gly Met Glu
115 120 125

Ile Glu Ile Leu Ala Lys Glu Lys Pro Glu Ala Leu Ala Lys Val Glu
130 135 140

Val Asp Pro Leu Thr Gly Ile Asp Glu Asp Lys Ala Arg Glu Ile Val 145 150 155 160

Thr Ala Ala Gly Phe Glu Thr Glu Val Ala Glu Lys Val Ile Pro Val 165 170 175

Leu Ile Lys Ile Trp Gln Val Tyr Tyr Glu Glu Glu Ala Thr Leu Val 180 185 190

Glu Val Asn Pro Leu Val Leu Thr Asp Asp Gly Asp Val Ile Ala Leu 195 200 205

Asp Gly Lys Ile Thr Leu Asp Asp Asn Ala Asp Phe Arg His Asp Asn 210 215 220

Arg Gly Ala Leu Ala Glu Ser Ala Gly Gly Leu Asp Ile Leu Glu Leu 225 230 235 240

Lys Ala Lys Lys Asn Asp Leu Asn Tyr Val Lys Leu Asp Gly Ser Val 245 250 255

Gly Ile Ile Gly Asn Gly Ala Gly Leu Val Met Ser Thr Leu Asp Ile 260 265 270

Val Ala Ala Ala Gly Glu Arg His Gly Gly Gln Arg Pro Ala Asn Phe 275 280 285

Leu Asp Ile Gly Gly Gly Ala Ser Ala Glu Ser Met Ala Ala Gly Leu 290 295 300

Asp Val Ile Leu Gly Asp Ser Gln Val Arg Ser Val Phe Val Asn Val 305 310 315 320

Phe Gly Gly Ile Thr Ala Cys Asp Val Val Ala Lys Gly Ile Val Gly 325 330 335

Ala Leu Asp Val Leu Gly Asp Gln Ala Thr Lys Pro Leu Val Val Arg 340 345 350

Leu Asp Gly Asn Asn Val Val Glu Gly Arg Arg Ile Leu Ala Glu Tyr 355 360 365

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Leu Ile Asn Asp Thr Glu Leu Pro Val Phe Gly Thr Val Lys Glu Ala 50 55 60

Met Glu Glu Thr Gly Ala Asp Val Thr Val Ile Phe Val Pro Pro Ala 65 70 75 80

Phe Ala Lys Ala Ala Ile Ile Glu Ala Ile Asp Ala His Ile Pro Leu 85 90 95

Cys Val Ile Ile Thr Glu Gly Ile Pro Val Arg Asp Ala Ser Glu Ala
100 105 110

Trp Ala Tyr Ala Lys Lys Val Gly His Thr Arg Ile Ile Gly Pro Asn 115 120 125

Cys Pro Gly Ile Ile Thr Pro Gly Glu Ser Leu Ala Gly Ile Thr Pro 130 135 140

Ala Asn Ile Ala Gly Ser Gly Pro Ile Gly Leu Ile Ser Lys Ser Gly 145 150 155 160

Thr Leu Thr Tyr Gln Met Met Tyr Glu Leu Ser Asp Ile Gly Ile Ser 165 170 175

Thr Ala Ile Gly Ile Gly Gly Asp Pro Ile Ile Gly Thr Thr His Ile 180 185 190

Asp Ala Leu Glu Ala Phe Glu Ala Asp Pro Glu Thr Lys Ala Ile Val 195 200 205

Met Ile Gly Glu Ile Gly Gly Asp Ala Glu Glu Arg Ala Ala Asp Phe 210 220

The Ser Lys His Val Thr Lys Pro Val Val Gly Tyr Val Ala Gly Phe 225 230 235 240

Thr Ala Pro Glu Gly Lys Thr Met Gly His Ala Gly Ala Ile Val Thr 245 250 255

Gly Ser Glu Gly Thr Ala Arg Ala Lys Lys His Ala Leu Glu Ala Val 260 270 Gly Val Arg Val Gly Thr Thr Pro Ser Glu Thr Ala Lys Leu Met Arg $275 \hspace{1.5cm} 280 \hspace{1.5cm} 285$

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					ctg Leu											672
					gaa Glu 230											720
					gat Asp											768
ggc Gly	atc Ile	att Ile	ggc Gly 260	aat Asn	ggt Gly	gca Ala	ggt Gly	ttg Leu 265	gtg Val	atg Met	tcc Ser	acg Thr	ttg Leu 270	gat Asp	atc Ile	816
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cac gct gcc cat ttg gcc aat ctt gcc cag cac ggc cag ttc gca acc

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Leu Ile Lys Ile Trp Gln Val Tyr Tyr Glu Glu Glu Ala Thr Leu Val 180 185 190

Glu Val Asn Pro Leu Val Leu Thr Asp Asp Gly Asp Val Ile Ala Leu 195 200 205

Asp Gly Lys Ile Thr Leu Asp Asp Asn Ala Asp Phe Arg His Asp Asn 210 215 220

Arg Gly Ala Leu Ala Glu Ser Ala Gly Gly Leu Asp Ile Leu Glu Leu 225 230 235 240

Lys Ala Lys Lys Asn Asp Leu Asn Tyr Val Lys Leu Asp Gly Ser Val 245 250 255

Gly Ile Ile Gly Asn Gly Ala Gly Leu Val Met Ser Thr Leu Asp Ile 260 265 270

Val Ala Ala Ala Gly Glu Arg His Gly Gly Gln Arg Pro Ala Asn Phe 275 280 285

Leu Asp Ile Gly Gly Gly Ala Ser Ala Glu Ser Met Ala Ala Gly Leu 290 295 300

Asp Val Ile Leu Gly Asp Ser Gln Val Arg Ser Val Phe Val Asn Val 305 310 315 320

Phe Gly Gly Ile Thr Ala Cys Asp Val Val Ala Lys Gly Ile Val Gly 325 330 335

Ala Leu Asp Val Leu Gly Asp Gln Ala Thr Lys Pro Leu Val Val Arg 340 345 350

Leu Asp Gly Asn Asn Val Val Glu Gly Arg Arg Ile Leu Ala Glu Tyr 355 360 365

Asn His Pro Leu Val Thr Val Val Glu Gly Met Asp Ala Ala Asp 370 375 · 380

His Ala Ala His Leu Ala Asn Leu Ala Gln His Gly Gln Phe Ala Thr 385 390 395 400

Ala Asn